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(71) Applicant *(for all designated States except US)*: NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: HÄNNIKÄINEN, Marko [FI/FI]; Prunnintie 14 D 10, FIN-33950 Pirkkala (FI). KUKKALA, Petri [FI/FI]; Männikönkatu 3 A 1, FIN-33820 Tampere (FI). HÄMÄLÄINEN, Timo, D. [FI/FI]; Ahulinjärventie 224, FIN-36200 Kangasala (FI).

(74) Agent: BERGGREN OY AB; P.O. BOX 16, FIN-00101 Helsinki (FI).

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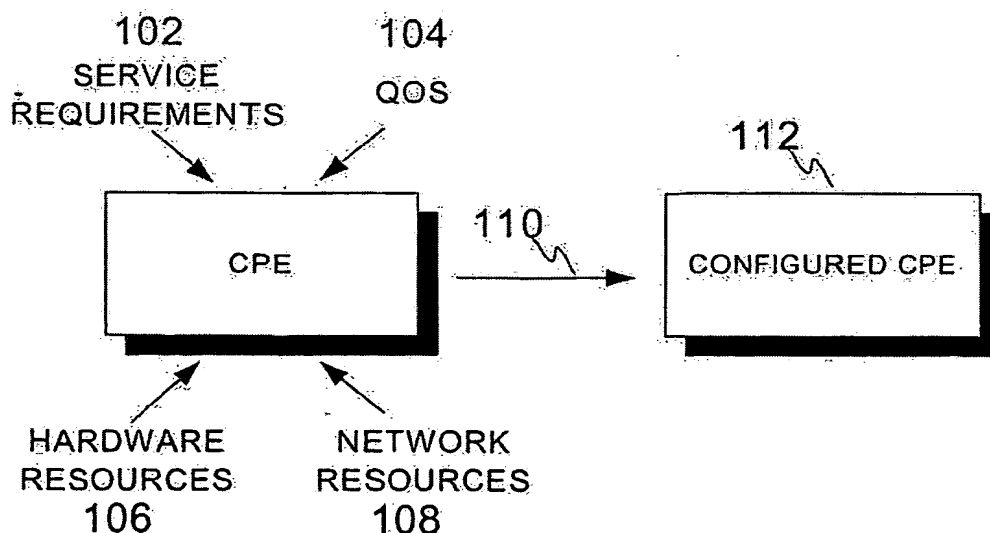
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(54) Title: CONFIGURABLE PROTOCOL ENGINE

(57) Abstract: A configurable protocol engine (CPE) capable of constructing (110) a desired protocol structure (112) according to the received configuration information. In addition, the CPE schedules the processing of received service primitives according to the priority levels thereof. The configuration information may include service requirements (102), indications of hardware and software resources (106, 108), and the required QoS (Quality of Service, 104) level. The CPE may be implemented as software, hardware, or as a combination of both.

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